

Title (en)
Valve

Title (de)
Durchflussmengen-Regelventil, insbesondere für begaste Flüssigkeiten

Title (fr)
Vanne de régulation de débit, en particulier pour fluides gazifiés

Publication
EP 0957298 A1 19991117 (EN)

Application
EP 99105493 A 19990317

Priority
SE 9801624 A 19980511

Abstract (en)
A valve (12) for regulating a gas flow, comprising a valve seat (8) and a valve body (12), movable against the valve seat (8), is described. The valve (2) achieves great accuracy, a wide dynamic range and great operating reliability when the valve body (12) is arranged to move axially against the valve seat (8), a stepper motor (14) is arranged to actuate the valve body's (12) axial movement against the valve seat (8) and the stepper motor (14) and valve body (12) are devised so the valve body (12) performs continuous, non-linear, axial movement against the valve seat (8). <IMAGE>

IPC 1-7
F16K 7/16

IPC 8 full level
A61M 16/20 (2006.01); **F16K 7/14** (2006.01); **F16K 7/16** (2006.01); **F16K 31/04** (2006.01); **F16K 31/50** (2006.01); **F16K 31/524** (2006.01); **G05D 7/06** (2006.01)

CPC (source: EP US)
F16K 7/14 (2013.01 - EP US); **F16K 31/04** (2013.01 - EP US)

Citation (search report)
• [X] EP 0266963 A2 19880511 - BIRD PRODUCTS CORP [US]
• [X] US 5518015 A 19960521 - BERGET MARK D [US], et al

Cited by
CN103908724A; EP1190656A1; DE10152454A1; DE10152454B4; FR2878927A1; EP1669648A1; US7051757B2; US9371920B2; WO2014126642A1

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